	T		T	T		
Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	198	(optical with filter\$3) and (waveguide same ((length with difference) or (different with length\$1))) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	-OR	ON ·	2005/07/20 13:42
L2	183	L1 and (demultiplex\$4 or multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:42
L3	142	L2 and ("AWG" or (array\$3 with wave\$guide\$1 with grating\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:43
L4	0	("2004/0213520").URPN.	USPAT	OR	ON	2005/07/20 14:56
L5	1	("6212315").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
L6	1	("6597842").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
L7	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/07/20 15:05
L8	6	("5953467"   "6023544"   "6212315"   "6493487"   "6597842"   "6690846").PN. OR ("6907160").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 15:06
S1	15	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ((directional or 3\$dB) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:01
S2	36	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ((directional or 3\$dB or "MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1))	USOCR; EPO; JPO; DERWENT; or IBM_TDB		OFF	2005/07/20 13:43
S3	. 2	("2002/0001433").URPN.	USPAT	OR	OFF	2005/01/12 09:02
S4	2	("2002/0057865").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S5	1	("2002/0122650").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S6	0	("2002/0176665").URPN.	USPAT	OR	OFF	2005/01/12 09:03

S7	0	("2002/0181922") LIDDNI	USPAT	OR	OFF	2005/01/12 09:04
		("2002/0181832").URPN.				, ,
S8	5	("5410622"   "5499309"   "5966478"   "6311004"   "6327407").PN. OR ("6507680"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:04
S9.	0	("2003/0063858").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S10	0	("2003/0103722").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S11	2	("6137939"   "6501896").PN. OR ("6580862").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05
S12	29	("20020186928"   "4618210"   "4747654"   "4813757"   "4846542"   "5002350"   "5013113"   "5039993"   "5243672"   "5412744"   "5450511"   "5467418"   "5488500"   "5542010"   "5581643"   "5706377"   "5841931"   "5938811"   "5991477"   "6021242"   "6108478"   "6118909"   "6256428"   "6272270"   "6337937"   "6486984"   "6542666"   "6546167"   "6549328").PN. OR ("6674929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05
S13	0	("2004/0028105").URPN.	USPAT	OR	OFF	2005/01/12 09:08
S14	2.	("5412744"   "6195482").PN. OR ("6728442").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:08
S15	1	("2004/0101243").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S16	0.	("2004/0131313").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S17	7	("6169838"   "6222956"   "6515776"   "6526203"   "6549688"   "6563988"   "6625187").PN. OR ("6768842"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:09
S18	0	("2004/0161186").URPN.	USPAT	OR	OFF	2005/01/12 09:11
S19	18	("20030081898"   "4756587"   "5136671"   "5467418"   "5488680"   "5623571"   "5706377"   "5745616"   "5745618"   "5841919"   "5881199"   "5982960"   "5999290"   "6069990"   "6205273"   "6222963"   "6229943"   "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:11

S20		(US-20020001433-\$ or US-20020057865-\$ or US-20020122650-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20030063858-\$ or US-20030103722-\$ or US-20040028105-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040161186-\$).did. or (US-6507680-\$ or US-6580862-\$ or US-6674929-\$ or US-6728442-\$ or US-6768842-\$ or US-6768842-\$ or US-6563988-\$ or US-6839477-\$ or US-5881199-\$ or US-6205273-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 09:14
S21	4	S20 not (S2 or S1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:14
S22	27	("5881199").URPN.	USPAT	OR	OFF	2005/01/12 09:14
S23	10	("5617234"   "5760941"   "5809184"   "5867290"   "5881199"   "6212315"   "6304380"   "6332055"   "6351581"   "6597841").PN. OR ("6807372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:15
S24	7	("6205273").URPN.	USPAT	OR	OFF	2005/01/12 09:16
S25	15	("4737002"   "5002350"   "5136671"   "5243672"   "5357589"   "5881199"   "5953467"   "5982960").PN. OR ("6205273").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S26	19	("20020015559"   "20020057865"   "5002350"   "5136671"   "5179605"   "5412744"   "5629992"   "5629999"   "5680236"   "5889906"   "6047096"   "6069990"   "6141152"   "6195481"   "6195482"   "6233375").PN. OR ("6563988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S27	10	("20040101243"   "20040109643"   "5412744"   "5706377"   "5926298"   "6058233"   "6069990"   "6188818"   "6289147"   "6563988").PN. OR ("6839477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:18

S28	22	(US-20020001433-\$ or US-20020057865-\$ or US-20020122650-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20030063858-\$ or US-20030103722-\$ or US-20040028105-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040161186-\$).did. or (US-6507680-\$ or US-6580862-\$ or US-6674929-\$ or US-6728442-\$ or US-6768842-\$ or US-6768842-\$ or US-6503988-\$ or US-6839477-\$ or US-5881199-\$ or US-6205273-\$ or US-6807372-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 10:43
S29	22	S28 and (wave\$guide\$1 with (spacing or space or distance\$1 or length\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S30	8	S28 and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S31	21	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:51
S32		("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S33	47	((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27

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S34	26	S33 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S35	40	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S36	19	S35 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S37	1767	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1 or length\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:18
S38	555	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1 or length\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:38
S39	110	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:41
S40	8	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:39
S41	47	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1))) and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:34

C42	47	("ANAIC" on (owners to see the	LIC DCDLID	OB	OFF	2005/01/12 15:02
S42	47	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1))) and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:02
S43	0	("2004/0151432").URPN.	USPAT	OR	OFF	2005/01/12 15:15
S44	1	("6671433").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:15
S45	8	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:24
S46	16	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1)) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:39
S47	8	S46 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:25
S48	11	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with length\$1) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:49
S49	3	(("5982960") or ("5841919") or ("6339664")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:49
S50	0	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same primary and secondary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16
S51	3	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same (primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16

S52	94	(integer\$1 same (center with wavelength\$1) same (refractive	US-PGPUB; USPAT;	OR	OFF	2005/01/12 16:19
		with index))	USOCR; EPO; JPO; DERWENT; IBM_TDB			
S53	12	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (integer\$1 same (center with wavelength\$1) same (refractive with index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:20
S54	5	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing with channel\$1) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:35
S55	433	(directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/04/06 08:22
S56	173	(optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:23
S57	31	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:16
S58	31	S57 and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:27
S59	56	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (star with directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/04/06 08:55
S60	1	("6711313").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:38
S61	. 0	("2001/0010739").URPN.	USPAT	OR	ON	2005/04/06 08:38

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S62	3	("5414548"   "6049640"   "6249620").PN. OR ("6711313"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 08:45
S63	3	(("6760529") or ("6836604") or ("6860642")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:45
S64	179	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((slab or star) with waveguide) and (directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:57
S65	4	("5881199"   "5970201").PN. OR ("6332055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:11
S66	1	("2002/0191887").URPN.	USPAT	OR	ON	2005/04/06 09:17
S67	60	("4021097"   "4136929"   "4259016"   "4301543"   "4302071"   "4307933"   "4315666"   "4378539"   "4392712"   "4431260"   "4479701"   "4493528"   "4536058"   "4556279"   "4560234"   "4564262"   "4601541"   "4688882"   "4721352"   "4723827"   "4778237"   "4784453"   "4828350"   "4842358"   "4869567"   "4896932"   "4900118"   "4986624"   "4991922"   "5029961"   "5042896"   "5100219"   "5329607"   "5444723"   "5533155"   "5586205"   "5623567"   "5651085"   "5729641"   "5781675"   "5809188"   "5841926"   "5854864"   "5892857"   "5900983"   "5903685"   "5915063"   "5940556"   "5963291"   "5966493"   "5970201"   "6011881"   "6026205"   "6038359"   "6052220"   "6058226"   "6130984"   "6134360"   "6144793"   "6185358").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:21
S68	0	("6556746").URPN. ("2003/0103722").URPN.	USPAT	OR	ON	2005/04/06 09:26
S69	. 32	S67 and (directional adj coupler)	USPAT	OR	ON	2005/04/06 09:27
S70	1	("6798952").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:27

S71	18	("20030081898"   "4756587"   "5136671"   "5467418"   "5488680"   "5623571"   "5706377"   "5745616"   "5745618"   "5841919"   "5881199"   "5982960"   "5999290"   "6069990"   "6205273"   "6222963"   "6229943"   "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:28
S72	0	("2003/0133655").URPN.	USPAT	OR	ON	2005/04/06 09:33
S73	1	("6597841").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:34
S74	13	("5002350"   "5412744"   "5488500"   "5600742"   "5617234"   "6055078"   "6266464"   "6271949"   "6272270"   "6501896").PN. OR ("6597841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:34
S75	0	("2004/0136647").URPN.	USPAT	OR	ON	2005/04/06 09:54
S76	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/04/06 09:57
S77	115	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((multi\$mode or (multi adj mode)) with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S78	90	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((multi\$mode or (multi adj mode)) with interference with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S79	19	("4773063"   "5002350"   "5412744"   "5488680"   "5629992"   "5706377"   "5745612"   "5748811"   "5889906"   "5926298"   "5962298"   "6181849").PN. OR ("6289147").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 11:24
S80	0	("2004/0047560").URPN.	USPAT	OR	ON ,	2005/04/06 11:42
S81	32	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((slab or star) with waveguide) and (directional with coupler) and (flat\$4 with (shape or response))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:58



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Results for "( ((arrayed waveguide grating) or awg)<in>metadata ) <and> ( (length difference) or (di..." Sile-mail Your search matched 70 of 1194402 documents. A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order. » Search Options **Modify Search** View Session History ( ((arrayed waveguide grating) or awg)<in>metadata ) <and> ( (length difference) or ( New Search Check to search only within this results set Display Format: 

Citation Citation & Abstract » Key IEEE Journal or IEEE JNL Select **Article Information** View: 1-Magazine IEE JNL IEE Journal or Magazine 1. Mirror quality and the performance of reflective arrayed-waveguide gratin **IEEE CNF IEEE Conference** Bernussi, A.A.; de Peralta, L.G.; Gorbounov, V.; Linn, J.A.; Frisbie, S.; Gale, R Proceeding Lightwave Technology, Journal of IEE Conference **IEE CNF** Volume 22, Issue 7, July 2004 Page(s):1828 - 1832 Proceeding Digital Object Identifier 10.1109/JLT.2004.831196 IEEE STD IEEE Standard AbstractPlus | References | Full Text: PDF(216 KB) | IEEE JNL 2. Control of center wavelength in reflective-arrayed waveguide-grating mul de Peralta, L.G.; Bernussi, A.A.; Gorbounov, V.; Berg, J.M.; Temkin, H.; Quantum Electronics, IEEE Journal of Volume 40, Issue 12, Dec. 2004 Page(s):1725 - 1731 Digital Object Identifier 10.1109/JQE.2004.837789 AbstractPlus | References | Full Text: PDF(320 KB) | IEEE JNL 3. Super-high-/spl Delta/ athermal arrayed waveguide grating with resin-fille slab region Maru, K.; Matsui, K.; Ishikawa, H.; Abe, Y.; Kashimura, S.; Himi, S.; Uetsuka, F Electronics Letters Volume 40, Issue 6, 18 March 2004 Page(s):374 - 375 Digital Object Identifier 10.1049/el:20040273 AbstractPlus | Full Text: PDF(192 KB) IEE JNL 4. Completely multimode arrayed waveguide grating-based wavelength den Kok, A.A.M.; Musa, S.; Borreman, A.; Diemeer, M.B.J.; Driessen, A.; EUROCON 2003. Computer as a Tool. The IEEE Region 8 Volume 2, 22-24 Sept. 2003 Page(s):422 - 426 vol.2 Digital Object Identifier 10.1109/EURCON.2003.1248232 AbstractPlus | Full Text: PDF(383 KB) | IEEE CNF 5. The role of photomask resolution on the performance of arrayed-wavegul devices Lee, C.D.; Wei Chen; Qiang Wang; Yung-Jui Chen; Beard, W.T.; Stone, D.; Sr Mincher, R.; Stewart, I.R.; Lightwave Technology, Journal of Volume 19, Issue 11, Nov. 2001 Page(s):1726 - 1733

Digital Object Identifier 10.1109/50.964073

AbstractPlus | References | Full Text: PDF(227 KB) | IEEE JNL

<ol> <li>Temperature-insensitive reflective arrayed-waveguide grating multiplexed de Peralta, L.G.; Bernussi, A.A.; Gorbounov, V.; Temkin, H.; Photonics Technology Letters, IEEE Volume 16, Issue 3, March 2004 Page(s):831 - 833 Digital Object Identifier 10.1109/LPT.2004.823717</li> </ol>
AbstractPlus   References   Full Text: PDF(136 KB) IEEE JNL
7. Design and applications of silica-based planar lightwave circuits Kaneko, A.; Goh, T.; Yamada, H.; Tanaka, T.; Ogawa, L.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 5, Issue 5, SeptOct. 1999 Page(s):1227 - 1236 Digital Object Identifier 10.1109/2944.806745 AbstractPlus   References   Full Text: PDF(384 KB) IEEE JNL
8. Measurement of phase and amplitude error distributions in arrayed-wave multi/demultiplexers based on dispersive waveguide Yamada, H.; Sanjoh, H.; Kohtoku, M.; Takada, K.; Okamoto, K.; Lightwave Technology, Journal of Volume 18, Issue 9, Sept. 2000 Page(s):1309 - 1320 Digital Object Identifier 10.1109/50.871710 AbstractPlus   References   Full Text: PDF(536 KB)   IEEE JNL
9. An array of photonic filtering advantages: arrayed-waveguide-grating multi/demultiplexers for photonic networks Hibino, Y.; Circuits and Devices Magazine, IEEE Volume 16, Issue 6, Nov. 2000 Page(s):21 - 27 Digital Object Identifier 10.1109/101.888868 AbstractPlus   References   Full Text: PDF(3316 KB) IEEE JNL
10. Recent advances in high-density and large-scale AWG multi/demultiplexi index-contrast silica-based PLCs Hibino, Y.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 8, Issue 6, NovDec. 2002 Page(s):1090 - 1101 Digital Object Identifier 10.1109/JSTQE.2002.805965 AbstractPlus   References   Full Text: PDF(2110 KB) IEEE JNL
11. AWG technologies for dense WDM applications Uetsuka, H.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 10, Issue 2, March-April 2004 Page(s):393 - 402 Digital Object Identifier 10.1109/JSTQE.2004.827841 AbstractPlus   References   Full Text: PDF(896 KB) IEEE JNL
12. Integrated polarization compensator for WDM waveguide demultiplexers He, JJ.; Koteles, E.S.; Lamontagne, B.; Erickson, L.; Delage, A.; Davies, M.; Photonics Technology Letters, IEEE Volume 11, Issue 2, Feb. 1999 Page(s):224 - 226 Digital Object Identifier 10.1109/68.740711 AbstractPlus   References   Full Text: PDF(132 KB) IEEE JNL
13. Planar reflection grating wavelength filters in silicon Luff, B.J.; Tsatourian, V.; Stopford, P.A.L.; Roberts, S.W.; Drake, J.P.; Fuller, § Lightwave Technology, Journal of Volume 21, Issue 12, Dec. 2003 Page(s):3387 - 3391 Digital Object Identifier 10.1109/JLT.2003.820046 AbstractPlus   References   Full Text: PDF(420 KB)   IEEE JNL

14. Chromatic dispersion and bandshape improvement of SOI flatband AWG multi/demultiplexers by phase-error correction Thompson, M.G.; Brady, D.; Roberts, S.W.; Photonics Technology Letters, IEEE Volume 15, Issue 7, July 2003 Page(s):924 - 926 Digital Object Identifier 10.1109/LPT.2003.813417
AbstractPlus   References   Full Text: PDF(230 KB)   IEEE JNL
15. Modal birefringence and power density distribution in strained buried-co waveguides Schriemer, H.P.; Cada, M.; Quantum Electronics, IEEE Journal of Volume 40, Issue 8, Aug. 2004 Page(s):1131 - 1139 Digital Object Identifier 10.1109/JQE.2004.831641 AbstractPlus   References   Full Text: PDF(360 KB)   IEEE JNL
16. Electrooptically tunable folded arrayed waveguide grating multiplexer Le, K.D.; Stelmakh, N.; Vasilyev, M.; Chiao, J.C.; Photonics Technology Letters, IEEE Volume 17, Issue 1, Jan. 2005 Page(s):112 - 114 Digital Object Identifier 10.1109/LPT.2004.838303
AbstractPlus   References   Full Text: PDF(136 KB) IEEE JNL
17. Measurement of slowly varying component in phase error distribution of spacing arrayed-waveguide grating Takada, K.; Satoh, S.; Electronics Letters Volume 40, Issue 23, 11 Nov. 2004 Page(s):1486 - 1487 Digital Object Identifier 10.1049/el:20046654(410) 40 AbstractPlus   Full Text: PDF(234 KB)   IEE JNL
 18. 100 GHz-32 ch athermal AWG with extremely low temperature dependenc wavelength Saito, T.; Nara, K.; Nekado, Y.; Hasegawa, J.; Kashihara, K.; Optical Fiber Communications Conference, 2003. OFC 2003 23-28 March 2003 Page(s):57 - 58 vol.1  AbstractPlus   Full Text: PDF(416 KB)   IEEE CNF
19. Traffic performance of buffering strategies in all-optical nodes for IP netv Bregni, S.; Pattavina, A.; Vegetti, G.; High Performance Switching and Routing, 2003, HPSR. Workshop on 24-27 June 2003 Page(s):159 - 164 Digital Object Identifier 10.1109/HPSR.2003.1226698  AbstractPlus   Full Text: PDF(655 KB) IEEE CNF
20. Characterization of MMI- and AWG-based N×N devices for WDM applicati Themistos, C.; Rajarajan, M.; Rahman, B.M.A.; Grattan, K.T.V.; Electrotechnical Conference, 2000. MELECON 2000. 10th Mediterranean Volume 1, 29-31 May 2000 Page(s):27 - 30 vol.1 Digital Object Identifier 10.1109/MELCON.2000.880360 AbstractPlus   Full Text: PDF(352 KB) IEEE CNF
21. Polarisation insensitive wavelength multiplexers using stress release gro Nadler, C.; Lanker, M.; Wildermuth, E.; Hunziker, W.; Melchior, H.; Optical Communication, 1998. 24th European Conference on Volume 1, 20-24 Sept. 1998 Page(s):129 - 130 vol.1

AbstractPlus | Full Text: PDF(200 KB) IEEE CNF

22. Multiwavelength Integrated 2×2 optical cross-connect switch and lambda П 2×N phased-array waveguide grating in self-loopback configuration Haifeng Li; Chau-Han Lee; Shan Zhong; Yung Jui Chen; Dagenais, M.; Stone, Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technic 22-27 Feb. 1998 Page(s):79 - 80 Digital Object Identifier 10.1109/OFC.1998.657223 . AbstractPlus | Full Text: PDF(236 KB) IEEE CNF 23. Silicon-on-insulator phased-array waveguide grating WDM filter Trinh, P.D.; Yegnanarayanan, S.; Coppinger, F.; Jalali, B.; Optical Fiber Communication. OFC 97., Conference on 16-21 Feb. 1997 Page(s):301 - 302 Digital Object Identifier 10.1109/OFC.1997.719910 AbstractPlus | Full Text: PDF(180 KB) IEEE CNF 24. Estimation of waveguide phase error in silica-based waveguides П Goh, T.; Suzuki, S.; Sugita, A.; Lightwave Technology, Journal of Volume 15, Issue 11, Nov. 1997 Page(s):2107 - 2113 Digital Object Identifier 10.1109/50.641530

25. Wavelength-tolerant optical access architectures featuring N-dimensiona

AbstractPlus | References | Full Text: PDF(348 KB) | IEEE JNL

and cascaded arrayed wavegulde gratings Parker, M.C.; Farjady, F.; Walker, S.D.; Lightwave Technology, Journal of Volume 16, Issue 12, Dec. 1998 Page(s):2296 - 2302

Digital Object Identifier 10.1109/50.736595

AbstractPlus | References | Full Text: PDF(200 KB) | IEEE JNL

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IEE CNF	IEE Conference Proceeding		Lightwave Technology, Volume 16, Issue 2, F	, Journal of		
IEEE STD	IEEE Standard		Digital Object Identifier			
			AbstractPlus   Referen	ces   Full Text: PDF	(176 KB) IEEE JNL	
			27. Crosstalk reduction in compensation Yamada, H.; Takada, k Lightwave Technology Volume 16, Issue 3, M Digital Object Identifier	K.; Mitachi, S.; , Journal of March 1998 Page(s)	:364 - 371	grating by p
		•	AbstractPlus   Referen	<u>ces</u>   Full Text: <u>PDF</u>	(216 KB) IEEE JNL	
			28. Multichannel waveler optical transmission Hyunjae Lee; Lyu, G.Y Photonics Technology Volume 10, Issue 2, F Digital Object Identifier AbstractPlus   Referen	systems .; Park, S.Y.; Lee, J Letters, IEEE Feb. 1998 Page(s):2 10.1109/68.655383	.H.; 76 - 278 3	of an AWG fc
					<b>(</b> ,	•
			29. Temperature Insensit Tanobe, H.; Kondo, Y. Photonics Technology Volume 10, Issue 2, F Digital Object Identifier	; Kadota, Y.; Okamo Letters, IEEE Feb. 1998 Page(s):2	oto, K.; Yoshikuni, Y.; 135 - 237	substrates
			AbstractPlus   Referen	ces   Full Text: PDF	(112 KB) IEEE JNL	
			30. Polarization insensiti Nadler, C.K.; Wildermu Selected Topics in Qua Volume 5, Issue 5, So Digital Object Identifier	uth, E.K.; Lanker, M. antum Electronics, II eptOct. 1999 Page	; Hunziker, W.; Melch EEE Journal of (s):1407 - 1412	

AbstractPlus | References | Full Text: PDF(196 KB) | IEEE JNL

31. Low-crosstalk 10-GHz-spaced 512-channel arrayed-waveguide grating multi/demultiplexer fabricated on a 4-in wafer Takada, K.; Abe, M.; Shibata, M.; Ishii, M.; Okamoto, K.; Photonics Technology Letters, IEEE Volume 13, Issue 11, Nov. 2001 Page(s):1182 - 1184 Digital Object Identifier 10.1109/68.959357 AbstractPlus   References   Full Text: PDF(74 KB) IEEE JNL
32. A discretely tunable mode-locked laser with 32 wavelengths and 100-GH; spacing using an arrayed waveguide grating Tamura, K.R.; Inoue, Y.; Sato, K.; Komukai, T.; Sugita, A.; Nakazawa, M.; Photonics Technology Letters, IEEE Volume 13, Issue 11, Nov. 2001 Page(s):1227 - 1229 Digital Object Identifier 10.1109/68.959372  AbstractPlus   References   Full Text: PDF(63 KB) IEEE JNL
33. Generation of high-repetition-rate WDM pulse trains from an arrayed-wav Leaird, D.E.; Shen, S.; Weiner, A.M.; Sugita, A.; Kamei, S.; Ishii, M.; Okamoto, Photonics Technology Letters, IEEE Volume 13, Issue 3, Mar 2001 Page(s):221 - 223 Digital Object Identifier 10.1109/68.914327  AbstractPlus   References   Full Text: PDF(56 KB)   IEEE JNL
34. Novel geometry for an integrated channel selector  Van Thourhout, D.; Bernasconi, P.; Miller, B.; Weiguo Yang; Liming Zhang; Sa Cabot, S.;  Selected Topics in Quantum Electronics, IEEE Journal of  Volume 8, Issue 6, NovDec. 2002 Page(s):1211 - 1214  Digital Object Identifier 10.1109/JSTQE.2002.805988  AbstractPlus   References   Full Text: PDF(287 KB) IEEE JNL
35. Optical delay line based on arrayed waveguide gratings' spectral periodic dispersive media for antenna beamforming applications Vidal, B.; Corral, J.L.; Piqueras, M.A.; Marti, J.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 8, Issue 6, NovDec. 2002 Page(s):1202 - 1210 Digital Object Identifier 10.1109/JSTQE.2002.805984  AbstractPlus   References   Full Text: PDF(562 KB)   IEEE JNL
36. Statistical analysis of correlated phase error in transmission characterist waveguide gratings  Maru, K.; Okawa, M.; Matsui, K.; Uetsuka, H.;  Selected Topics in Quantum Electronics, IEEE Journal of Volume 8, Issue 6, NovDec. 2002 Page(s):1142 - 1148  Digital Object Identifier 10.1109/JSTQE.2002.805972  AbstractPlus   References   Full Text: PDF(388 KB) IEEE JNL
37. N/spl times/N arrayed waveguide gratings with improved frequency accu Bernasconi, P.; Stulz, L.; Bailey, J.; Cappuzzo, M.; Chen, E.; Gomez, L.; Lasko R.; Wong-Foy, A.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 8, Issue 6, NovDec. 2002 Page(s):1115 - 1121 Digital Object Identifier 10.1109/JSTQE.2002.805970  AbstractPlus   References   Full Text: PDF(474 KB) IEEE JNL
38. Generation of flat-topped 500-GHz pulse bursts using loss engineered ar gratings Leaird, D.E.; Weiner, A.M.; Kamei, S.; Ishii, M.; Sugita, A.; Okamoto, K.;

Photonics Technology Letters, IEEE Volume 14, Issue 6, June 2002 Page(s):816 - 818 Digital Object Identifier 10.1109/LPT.2002.1003103 AbstractPlus | References | Full Text: PDF(185 KB) IEEE JNL 39. 1-GHz-spaced 16-channel arrayed-waveguide grating for a wavelength re standard in DWDM network systems Takada, K.; Abe, M.; Shibata, T.; Okamoto, K.; Lightwave Technology, Journal of Volume 20, Issue 5, May 2002 Page(s):850 - 853 Digital Object Identifier 10.1109/JLT.2002.1007939 AbstractPlus | References | Full Text: PDF(217 KB) IEEE JNL 40. New design for low-loss star couplers and arrayed waveguide grating de-П Joonoh Park; Youngchul Chung; Soohyun Baek; Hyung-Jong Lee; Photonics Technology Letters, IEEE Volume 14, Issue 5, May 2002 Page(s):651 - 653 Digital Object Identifier 10.1109/68.998714 AbstractPlus | References | Full Text: PDF(219 KB) | IEEE JNL 41. Improved techniques for the measurement of phase error in waveguide b devices Wei Chen; Yung-Jui Chen; Ming Yan; McGinnis, B.; Zhe Wu; Lightwave Technology, Journal of Volume 21, Issue 1, Jan 2003 Page(s):198 - 205 Digital Object Identifier 10.1109/JLT.2002.803060 AbstractPlus | Full Text: PDF(687 KB) IEEE JNL 42. Reflective arrayed waveguide grating multiplexer П de Peralta, L.G.; Bernussi, A.A.; Frisbie, S.; Gale, R.; Temkin, H.; Photonics Technology Letters, IEEE Volume 15, Issue 10, Oct. 2003 Page(s):1398 - 1400 Digital Object Identifier 10.1109/LPT.2003.818223 AbstractPlus | References | Full Text: PDF(298 KB) | IEEE JNL 43. Swept-wavelength interferometric analysis of multiport components VanWiggeren, G.D.; Baney, D.M.; Photonics Technology Letters, IEEE Volume 15, Issue 9, Sept. 2003 Page(s):1267 - 1269 Digital Object Identifier 10,1109/LPT.2003.816663 AbstractPlus | References | Full Text: PDF(311 KB) | IEEE JNL 44. Demultiplexing using an arrayed-waveguide grating for frequency-interle millimeter-wave radio-on-fiber systems Toda, H.; Yamashita, T.; Kuri, T.; Kitayama, K.; Lightwave Technology, Journal of Volume 21, Issue 8, Aug. 2003 Page(s):1735 - 1741 Digital Object Identifier 10.1109/JLT.2003.815650 AbstractPlus | References | Full Text: PDF(412 KB) | IEEE JNL 45. Integrated-optic timing tuner for high-speed WDM signals Takiguchi, K.; Shibata, T.; Itoh, M.; Photonics Technology Letters, IEEE Volume 15, Issue 7, July 2003 Page(s):948 - 950 Digital Object Identifier 10.1109/LPT.2003.813437 AbstractPlus | References | Full Text: PDF(216 KB) | IEEE JNL

<sup>46.</sup> Silicon-dioxide waveguides with low birefringence

	Ge Peratta, L.G.; Bernussi, A.A.; Temkin, H.; Bornani, M.M.; Doucette, D.E.; Quantum Electronics, IEEE Journal of Volume 39, Issue 7, July 2003 Page(s):874 - 879 Digital Object Identifier 10.1109/JQE.2003.813194
	AbstractPlus   References   Full Text: PDF(425 KB)   IEEE JNL
	47. Adding OSNR and wavelength monitoring functionalities on a double-res based power monitoring circuit Wenlu Chen; Shan Zhong; Zhonghua Zhu; Wei Chen; Yung-Jui Chen; Photonics Technology Letters, IEEE Volume 15, Issue 6, June 2003 Page(s):858 - 860 Digital Object Identifier 10.1109/LPT.2003.811138  AbstractPlus   References   Full Text: PDF(234 KB)   IEEE JNL
	48. Single-scan Interferometric component analyzer VanWiggeren, G.D.; Motamedi, A.R.; Barley, D.M.; Photonics Technology Letters, IEEE Volume 15, Issue 2, Feb. 2003 Page(s):263 - 265 Digital Object Identifier 10.1109/LPT.2002.806100
	AbstractPlus   References   Full Text: PDF(237 KB)   IEEE JNL
<u> </u>	49. Inverse Fourier transform method for characterizing arrayed-waveguide (Lazaro, J.A.; Wessel, R.; Koppenborg, J.; Dudziak, G.; Blewett, I.J.; Photonics Technology Letters, IEEE Volume 15, Issue 1, Jan. 2003 Page(s):93 - 95 Digital Object Identifier 10.1109/LPT.2002.805809
	AbstractPlus   References   Full Text: PDF(299 KB)   IEEE JNL
	50. Reconfigurable sampling of the electric field at the reflecting surface of forwaveguide grating multiplexers Bernussi, A.A.; de Peralta, L.G.; Knapczyk, M.; Gale, R.; Temkin, H.; Photonics Technology Letters, IEEE Volume 16, Issue 10, Oct. 2004 Page(s):2257 - 2259 Digital Object Identifier 10.1109/LPT.2004.834494
	AbstractPlus   References   Full Text: PDF(160 KB)   IEEE JNL
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IEEE JNL	IEEE Journal or Magazine	Select	Article Information View:
IEE JNL	IEE Journal or Magazine		
IEEE CNF	IEEE Conference Proceeding		51. Wavelength selection in an integrated multiwavelength ring laser Bente, E.A.J.M.; Barbarin, Y.; den Besten, J.H.; Smit, M.K.; Binsma, J.J.M.;
IEE CNF	IEE Conference Proceeding		Quantum Electronics, IEEE Journal of Volume 40, Issue 9, Sept. 2004 Page(s):1208 - 1216 Digital Object Identifier 10.1109/JQE.2004.833214
IEEE STD	IEEE Standard		AbstractPlus   References   Full Text: PDF(352 KB) IEEE JNL
			52. An asymmetric twin waveguide eight-channel polarization-independent waveguide grating with an integrated photodiode array  Tong, W.; Menon, V.M.; Fengnian Xia; Forrest, S.R.;  Photonics Technology Letters, IEEE  Volume 16, Issue 4, April 2004 Page(s):1170 - 1172  Digital Object Identifier 10.1109/LPT.2004.824923  AbstractPlus   References   Full Text: PDF(168 KB)   IEEE JNL
			53. Control of higher order leaky modes in deep-ridge waveguides and approcrosstalk arrayed waveguide gratings Kohtoku, M.; Hirono, T.; Oku, S.; Kadota, Y.; Shibata, Y.; Yoshikuni, Y.; Lightwave Technology, Journal of Volume 22, Issue 2, Feb. 2004 Page(s):499 - 508 Digital Object Identifier 10.1109/JLT.2004.824354  AbstractPlus   References   Full Text: PDF(472 KB)   IEEE JNL
· .			54. A novel straight arrayed waveguide grating with linearly varying refract distribution  Kawakita, Y.; Saitoh, T.; Shimotaya, S.; Shimomura, K.;  Photonics Technology Letters, IEEE  Volume 16, Issue 1, Jan. 2004 Page(s):144 - 146  Digital Object Identifier 10.1109/LPT.2003.819366  AbstractPlus   References   Full Text: PDF(200 KB) IEEE JNL
			55. Analysis of adaptive dispersion compensators with double-AWG struct Kerbstadt, F.; Petermann, K.; Lightwave Technology, Journal of Volume 23, Issue 3, March 2005 Page(s):1468 - 1477 Digital Object Identifier 10.1109/JLT.2005.843447  AbstractPlus   References   Full Text: PDF(456 KB)   IEEE JNL

56. Monolithically integrated InP-based photonic chip development for O-CD Chen Ji; Broeke, R.G.; Du, Y.; Jing Cao; Chubun, N.; Bjeletich, P.; Olsson, F.; Welty, R.; Reinhardt, C.; Stephan, P.L.; Yoo, S.J.B.; Selected Topics in Quantum Electronics, IEEE Journal of Volume 11, Issue 1, Jan-Feb 2005 Page(s):66 - 77 Digital Object Identifier 10.1109/JSTQE.2004.841710  AbstractPlus   Full Text: PDF(1648 KB) IEEE JNL
57. Optical spectrum analyzer based on arrayed waveguide grating for high-communication systems     Tanaka, Y.; Itoh, Y.; Aizawa, K.; Kurokawa, T.; Tsuda, H.;     Photonics Technology Letters, IEEE     Volume 17, Issue 2, Feb. 2005 Page(s):432 - 434     Digital Object Identifier 10.1109/LPT.2004.840273     AbstractPlus   References   Full Text: PDF(168 KB) IEEE JNL
58. Interferometric sensor interrogation using an arrayed waveguide grating Norman, D.C.C.; Webb, D.J.; Pechstedt, R.D.; Photonics Technology Letters, IEEE Volume 17, Issue 1, Jan. 2005 Page(s):172 - 174 Digital Object Identifier 10.1109/LPT.2004.836899(410) 17  AbstractPlus   References   Full Text: PDF(96 KB) IEEE JNL
59. Ultrasmall arrowhead arrayed-waveguide grating with V-shaped bend wa Suzuki, T.; Tsuda, H.; Photonics Technology Letters, IEEE Volume 17, Issue 4, April 2005 Page(s):810 - 812 Digital Object Identifier 10.1109/LPT.2005.844005 AbstractPlus   References   Full Text: PDF(288 KB) IEEE JNL
60. Elimination of PD-/spl lambda/ at all output ports of silica-based AWG Hida, Y.; Inoue, Y.; Kominato, T.; Electronics Letters Volume 40, Issue 18, 2 Sept. 2004 Page(s):1118 - 1119 Digital Object Identifier 10.1049/el:20045778 AbstractPlus   Full Text: PDF(218 KB) IEE JNL
61. Transmission experiment using silica waveguide based Takiguchi, K.; Itoh, M.; Electronics Letters Volume 39, Issue 25, 11 Dec. 2003 Page(s):1813 - 1814 Digital Object Identifier 10.1049/el:20031161 AbstractPlus   Full Text: PDF(288 KB)   IEE JNL
62. Progress in AWG design and technology Smit, M.K.; Fibres and Optical Passive Components, 2005. Proceedings of 2005 IEEE/LEG June 22-24, 2005 Page(s):26 - 31 AbstractPlus   Full Text: PDF(2760 KB) IEEE CNF
63. Integrated thin film heater and sensor with planar lightwave circuits Ming Yan; Weaver, J.; Ho, C.; Xu Hao; Tarter, T.; Semiconductor Thermal Measurement and Management Symposium, 2004. T IEEE 9-11 Mar 2004 Page(s):184 - 189 Digital Object Identifier 10.1109/STHERM.2004.1291322  AbstractPlus   Full Text: PDF(392 KB) IEEE CNF

64. Integrated performance monitoring PLC circuit for WDM system Chen, W.; Zhong, S.; Zhu, Z.; Chen, Y.; Optical Fiber Communications Conference, 2003. OFC 2003 23-28 March 2003 Page(s):706 - 707 vol.2 Digital Object Identifier 10.1109/OFC.2003.1248514 AbstractPlus | Full Text: PDF(340 KB) IEEE CNF 65. Design of polymer arrayed waveguide gratings for access networks and applications Leo, C.J.; Ramana, P.V.; Sudharsanam, K.; Electronics Packaging Technology, 2003 5th Conference (EPTC 2003) 10-12 Dec. 2003 Page(s):647 - 651 AbstractPlus | Full Text: PDF(375 KB) IEEE CNF 66. Novel arrayed waveguide grating designs to optical monitoring П Wang, D.; Zeng, W.; Li, Y.; Tsay, W.; Optical Fiber Communications Conference, 2003. OFC 2003 23-28 March 2003 Page(s):32 - 33 vol.1 Digital Object Identifier 10.1109/OFC.2003.1247469 AbstractPlus | Full Text: PDF(356 KB) | IEEE CNF 67. Suppression of temperature and polarization dependence by polymer over П silica-based AWG multiplexer Kim, D.; Han, Y.; Shin, J.; Park, S.; Park, Y.; Sung, H.; Lee, S.; Lee, Y.; Optical Fiber Communications Conference, 2003. OFC 2003 23-28 March 2003 Page(s):61 - 62 vol.1 Digital Object Identifier 10.1109/OFC.2003.1247489 AbstractPlus | Full Text: PDF(315 KB) IEEE CNF 68. Arrayed-waveguide grating passband flattening by combined phase and apodisation Parker, M.C.; Farjady, F.; Walker, S.D.; Optical Communication, 1998. 24th European Conference on Volume 1, 20-24 Sept. 1998 Page(s):297 - 298 vol.1 Digital Object Identifier 10.1109/ECOC.1998.732548 AbstractPlus | Full Text: PDF(172 KB) IEEE CNF 69. Space/wavelength-routed ATM access architecture based on cascaded p arrayed-waveguide gratings Parker, M.C.; Fajady, F.; Walker, S.D.; Lasers and Electro-Optics, 1998. CLEO 98. Technical Digest. Summaries of page 1998. at the Conference on 3-8 May 1998 Page(s):392 - 393 Digital Object Identifier 10.1109/CLEO.1998.676366 AbstractPlus | Full Text: PDF(236 KB) IEEE CNF 70. Temperature-insensitive arrayed waveguide gratings on InP substrates Tanobe, H.; Kondo, Y.; Kadota, Y.; Okamoto, K.; Yoshikuni, Y.; Optical Fiber Communication. OFC 97., Conference on 16-21 Feb. 1997 Page(s):298 - 299 Digital Object Identifier 10.1109/OFC.1997.719908 AbstractPlus | Full Text: PDF(204 KB) IEEE CNF View Selected Hems View: 1-

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